

An apparatus, a method and a system for image processing with a color correction device are provided in which the number of times of automatic execution of calibration is reduced and the performance of an image output apparatus is used adequately. The apparatus includes a color space conversion portion 110 for converting input image data D1 into data D1s of a standard color space and a reproduction range decision portion 111 for deciding whether the input image data D1s that were converted into the standard color space are within a reference range of a color reproduction in an image output. If it is decided that the input image data are out of the reference range, the calibration is performed so that the color reproduction range is made close to the reference range.